

What is claimed is:

1. A method for querying a computerized database, comprising:
distributing a desired range of data values to be obtained from the database
5 across a plurality of different query statements;
simultaneously executing the plurality of query statements to access said
database and transfer associated data subsets into a memory space;
and
arranging the associated data subsets to form the desired range of data
10 values.
2. The method of claim 1, wherein the computerized database
comprises a distributed database portions of which are stored in different locations
linked by a computer network.
15
3. The method of claim 1, further comprising exporting the desired
range of data values obtained from the arranging step to a second memory space.
4. The method of claim 1, further comprising using an analysis routine
20 to analyze the desired range of data values.
5. The method of claim 1, wherein at least one query statement
retrieves data values from the database for a selected data field type, and wherein
at least one other query statement retrieves data values from the data base for the
25 selected data field type.
6. The method of claim 1, wherein the desired range of data values
comprises manufacturing data associated with manufacture of a population of
products.
30
7. The method of claim 6, wherein the products comprise data storage
devices.

8. The method of claim 1, wherein the simultaneously executing step comprises logging into a computer network associated with the database under a different login account for each query statement so that each query statement is simultaneously executed using the associated login account.

5

9. The method of claim 8, wherein the simultaneously executing step further comprises initiating an auto-brake function that limits input/output transfer elapsed time by a server associated with the computer network and the database to a maximum value during execution of a selected one of the plurality of query statements.

10

10. The method of claim 1, wherein the distributing, simultaneously executing and arranging steps are carried out on a repetitive, daily basis to obtain data relating to an ongoing manufacturing process.

15

11. A computer system, comprising:
a database stored in a first memory space and accessible by a computer; and
a query engine stored in a second memory space which, upon execution,
distributes a desired range of data values to be obtained from the
5 database across a plurality of different query statements,
simultaneously executes the plurality of query statements to access
the database and transfer associated data subsets into a third
memory space, and arranges the associated data subsets to form the
desired range of data values.

10 12. The computer system of claim 11, wherein the computer comprises
a server computer, wherein the computer system further comprises a client
computer associated with the server computer over a computer network, and
wherein the client computer executes the query engine.

15 13. The computer system of claim 11, wherein the database comprises a
distributed database so that the memory space comprises a plurality of different
locations linked by a computer network.

20 14. The computer system of claim 11, wherein the query engine
subsequently exports the desired range of data values to a fourth memory space.

15. The computer system of claim 11, further comprising an analysis
routine which analyzes the desired range of data values.

25 16. The computer system of claim 11, wherein the desired range of data
values comprises manufacturing data associated with manufacture of a population
of products.

30 17. The computer system of claim 16, wherein the products comprise
data storage devices.

18. The computer system of claim 11, wherein the simultaneously executing step comprises logging into a computer network associated with the database under a different login account for each query statement so that each query statement is simultaneously executed using the associated login account.

5

19. The computer system of claim 18, wherein the simultaneously executing step further comprises initiating an auto-brake function that limits input/output transfer elapsed time by a server associated with the computer network and the database to a maximum value during execution of a selected one 10 of the plurality of query statements.

15

20. The method of claim 1, wherein the query engine extracts the desired range of data values on a repetitive, daily basis to obtain data relating to an ongoing manufacturing process.